

Attachment D

3. (Amended) An apparatus for removing a head of a golf club from a shaft of the golf club, comprising:

- a. a frame;
- b. a clamping mechanism connected to the frame for securing a golf club; and
- c. a force mechanism connected to the frame, including
 - i. a hydraulic piston,
 - ii. a one piece hollow shaft having an open end and a closed end, the closed end connected to the distal end of the piston,
 - iii. a spring having a first end and a second end, the spring residing within the hollow shaft with the first end abutting the closed end of the hollow shaft, and
 - iv. a turret having a smaller diameter portion and a larger diameter portion, the smaller diameter portion inserted in the open end of the hollow shaft and abutting the second end of the spring, the larger diameter portion being external to the shaft and having a slot designed to engage the shaft of the golf club while abutting the head of the golf club.

4. (Amended) An apparatus for removing a head of a golf club from a shaft of the golf club, comprising:

- a. a frame including a block having a bore there through;
- b. a hydraulic piston mounted on the frame;

- c. a clamping mechanism connected to the frame for securing the golf club;
 - d. a one piece hollow shaft extending from the piston and slidably resident within the bore;
 - e. a spring residing within the hollow shaft; and
 - f. a turret in removable communication with the hollow shaft via the spring, the turret engaging the head of the golf club for transferring a force stored in the spring and created by the piston to the head of the golf club.
5. The apparatus of claim 4 comprising an alignment spring for resisting axial movement of the shaft in response to the force created by the piston.
6. The apparatus of claim 4 wherein the turret is coaxially rotatable relative to the shaft to position slots of differing size in engaging alignment with the shaft of the golf club to bear against the head of the golf club.
7. The apparatus of claim 4 wherein the turret partially resides slidably within the hollow shaft and includes a plurality of open slots around the periphery thereof for receiving golf club shafts of differing diameters.
8. The apparatus of claim 6 further comprising an alignment spring connected to the shaft and the frame for resisting axial movement of the shaft in response to the force created by the piston.
9. The apparatus of claim 4 wherein the clamping mechanism is manually actuable.
10. The apparatus of claim 4 wherein the piston is manually actuable.

11. The apparatus of claim 4 wherein the clamping mechanism includes a manually actuatable crew for adjusting the magnitude of securing force to a golf club.

12. The apparatus of claim 4 wherein the piston includes a piston handle pivotally movable with respect to the remainder of the piston in a horizontal plane, the horizontal plane being within the longitudinal extremities of the frame.

13. (New) Apparatus for removing a head of a golf club from a shaft of the golf club, comprising:

a. a frame;

b. a clamp connected to the frame for securing the shaft of a golf club against longitudinal movement; and

c. means connected to the frame for applying force longitudinally to the head of the golf club in a direction to separate the head from the shaft, including:

i. a hydraulic piston,

ii. a machine shaft having one end connected to the piston,

ii. a mushroom-shaped turret having a smaller diameter portion and a larger diameter portion, the smaller diameter portion being connected to a second end of said machine shaft, the larger diameter portion having at least one slot formed therein to slidably engage the machine shaft and abut the head of the golf club, for transferring longitudinally directed force received from said piston via said machine shaft to said club head.

14. (New) Apparatus for removing a head of a golf club from a shaft of the golf club, comprising:

- a. a frame;
- b. a clamping mechanism connected to the frame for securing a golf club;

and

- c. a force generating and applying mechanism connected to the frame,

including:

- i. a manually powered pumpable hydraulic piston cylinder combination,
- ii. a machine shaft having a first end connected to the piston,
- iii. resilient means connected to the machine shaft for limiting shaft and turret longitudinal travel once said golf club head has loosened from said golf club shaft;
- iv. a turret having a smaller diameter portion and a larger diameter portion, the smaller diameter portion being axially aligned with said machine shaft and parallel with said golf club shaft, for receiving axially oriented force generated by said piston-cylinder combination from said machine shaft, the larger diameter portion having at least one radially outwardly opening for slidably engaging the golf club shaft and abutting the head of the golf club to apply axially directed force thereto in a direction to separate said golf club head from said golf club shaft.

15. (New) Apparatus for removing a head of a golf club from a shaft of the golf club, comprising:

- a. a frame including a block having a bore therethrough;
- b. a manually operable hydraulic piston connected to the frame;
- c. a clamp connected to the frame for restraining the shaft of the golf club against axial movement;
- d. a machine shaft extending from the piston, residing slidably within the frame;
- e. a spring residing within the machine shaft; and
- f. a turret in removable communication with the machine shaft via the spring, the turret engaging the head of the golf club for transferring hydraulic force, stored in the spring and created by manual actuation of the piston, to the head of the golf club in a direction to separate the golf club head from the golf club shaft.